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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER

SHINGLES, KRISTIE D

ART UNIT PAPER NUMBER

2141

DATE MAILED: 12/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/940,511

Applicant(s)

TSO, FRANK

Examiner

Kristie Shingles

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 August 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claims 1-20 are pending.

Priority

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. (TW) 90113806 filed on June 7, 2001.

Drawings

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: **2, 23, 24, 30, 40 and 50**. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement-drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by *Delo et al* (USPN 6,418,554).

a. **Per claims 1 and 11** (differs only by statutory class) *Delo et al* teach an auto file opening system implemented in an electronic apparatus including a storage device for storing a first table and a network connection device, the electronic apparatus using the network connection device to connect to a web server through the Internet, the web server storing a second table, and the first table and the second table storing the corresponding relationship between an application and at least one extension, wherein the auto file opening system comprises:

- a table search module, which automatically searches the corresponding relationship between the application and the extension from the data stored in the first table and the second table (Col.7 Line 61-Col.9 Line 58, Col.12 Lines 25-55, Col.13 Lines 1-55 and Col.14 Lines 36-41; searching module is achieved with the network server's application deployment editor and the user's registry, the application deployment editor generates the appropriate advertising script which initiates the corresponding data such as, shortcuts, icons, and file-extension associations to populate the registry and class stores of the client workstation—thereby corresponding file-extension associations

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are stored in the network server, the client workstation, and the Active Directory); and

- **a file opening module, which runs the application according to the corresponding relationship between the application and the extension to open a file with the extension (Col.7 Lines 21-32 and Col.13 Lines 29-55; associations between file extensions applications are stored in the system registry of the client workstation, the user double-clicks/selects the application to launched it).**

b. **Per claims 2, *Delo et al* teach the system of claim 1, wherein the file opening module provides a user choices for selecting one application to open the file when the extension corresponds to a plurality of applications (Col.12 Lines 55-57 and Col.14 Lines 23-41; a network administrator may choose and prioritize which application handles which file extensions).**

c. **Claim 12** is substantially equivalent to claim 2 and is therefore rejected under the same basis.

d. **Per claim 3, *Delo et al* teach the system of claim 1 further comprising:**

- **an application searching module, which obtains the application from the web server when the electronic apparatus is not installed with the application (Col.12 Line 41-Col.14 Line 22; if an application associated with the file-extension is not found in the local registry then the application data may be located in the Active Directory, which may reside internal or external to the network server); and**
- **an application installation module, which installs the application in the electronic apparatus (Col.13 Line 66-Col.15 Line 12; once located the managed software installer mechanism is used to install the application on the client workstation).**

e. **Claim 13** is substantially equivalent to claim 3 and is therefore rejected under the same basis.

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f. **Per claim 4, *Delo et al* teach the system of claim 3, wherein the file opening module follows the choice of a user to obtain an application from the web server to open the file when the extension corresponds to a plurality of applications (Col.12 Lines 55-57 and Col.14 Lines 23-41; a network administrator may choose and prioritize which application handles which file extensions).**

g. **Claim 14 is substantially equivalent to claim 4 and is therefore rejected under the same basis.**

h. **Per claim 5, *Delo et al* teach the system of claim 3, wherein the table search module first searches the first table and then searches the second table by connecting to the web server through the network connection device and the Internet when the corresponding relationship between an extension and an application is not found in the first table (Col.12 Line 58-Col.13 Line 34; if the file extension for the application is not found in the local registry then it looks to the Active Directory or an application management service to locate the associated extension with the application).**

i. **Claim 15 is substantially equivalent to claim 5 and is therefore rejected under the same basis.**

j. **Per claim 6, *Delo et al* teach the system of claim 1 further comprising a computer connection device, wherein the electronic apparatus uses the computer connection device to connect to a computer apparatus that stores a third table, the third table stores the correspondence relation between the application and the extension, and the table search module automatically searches for the corresponding relationship between the application and the extension in the third table (Col.4 Lines 58-30, Col.5 Line 66-Col.6 Line 16 and Col.11 Line 59-Col.12 Line 30; the**

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Active Directory which may be external to the network server, stores the correspondence relationship between applications and extensions and is accessed for this information when needed).

k. **Claim 16** is substantially equivalent to claim 6 and is therefore rejected under the same basis.

l. **Per claim 7, *Delo et al* teach the system of claim 6, wherein the table search module first searches the first table and then automatically searches the third table by establishing connection with the computer apparatus using the computer connection device when the corresponding relationship between the application and the extension is not found in the first table (Col.12 Lines 13-30; the Active Directory is searched after attempting to locate application extension information on the local machine).**

m. **Claim 17** is substantially equivalent to claim 7 and is therefore rejected under the same basis.

n. **Per claim 8, *Delo et al* teach the system of claim 6 further comprising: an application searching module, which obtains the application from the web server when the electronic apparatus is not installed with the application; and an application installation module, which installs the application in the electronic apparatus (Figure 4, Col.8 Line 18-Col.9 Line 16, Col.14 Line 65-Col.15 Line 12 and Col.16 Line 11-Col.17 Line 40; application data is obtained from the package, application deployment editor, managed software installer, and advertise script of the network server when installing a new application on the client workstation).**

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o. **Claim 18** is substantially equivalent to claim 8 and is therefore rejected under the same basis.

p. **Per claim 9, Delo et al** teach the system of claim 8, wherein the file opening module follows the choice of the user to obtain an application from one of the web server and the computer apparatus to open the file when the extension corresponds to a plurality of applications (**Col.14 Lines 23-36; the user may obtain the application and choose to open a file with an extension that's associated to more than one application**).

q. **Claim 19** is substantially equivalent to claim 9 and is therefore rejected under the same basis.

r. **Per claim 10, Delo et al** teach the system of claim 1, wherein the network connection device includes a wireless network connection device (**Col.3 Lines 56-67 and Col.4 Line 58-Col.5 Line17; embodiments extended to comprise wireless network communication**).

s. **Claim 20** is substantially equivalent to claim 10 and is therefore rejected under the same basis.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. *Bloomfield* (USPN 5,384,911) discloses a method of transferring programs from action oriented GUI paradigm to object oriented GUI paradigm.

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- b. *Potter et al* (USPN 5,497,484) disclose a file menu support for encapsulated applications.
- c. *Delo et al* (USPN 6,345,386) disclose a method and system for advertising applications.
- d. *Butler et al* (USPN 6,460,057) disclose a data object management system.


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kristie Shingles whose telephone number is 571-272-3888. The examiner can normally be reached on Monday-Friday 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kristie Shingles
Examiner
Art Unit 2141

kds


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER